

## EAST Search History

| Ref # | Hits | Search Query                                                    | DBs                                                               | Default Operator | Plurals | Time Stamp       |
|-------|------|-----------------------------------------------------------------|-------------------------------------------------------------------|------------------|---------|------------------|
| L3    | 650  | descal\$3 near5 operation\$1                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/11/06 13:33 |
| L4    | 570  | descal\$3 near3 operation\$1                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/11/06 13:33 |
| L5    | 1    | descal\$3 near3 operation\$1 same electrostatic\$4              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/11/06 13:54 |
| L6    | 20   | descal\$3 same electrostatic\$4                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/11/06 14:28 |
| L7    | 4173 | spark\$3 same electrostatic\$4                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/11/06 13:49 |
| L8    | 5    | spark\$3 near10 (remov\$3 near5 layer\$1) same electrostatic\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/11/06 13:41 |
| L9    | 3063 | (remov\$3 near5 layer\$1) same electrostatic\$4                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/11/06 14:17 |
| L10   | 152  | (remov\$3 near5 layer\$1 near5 oxide) same electrostatic\$4     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/11/06 13:42 |
| L11   | 2    | ("2658009").PN.                                                 | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2006/11/06 13:45 |
| L12   | 6    | ("2658009").URPN.                                               | USPAT                                                             | OR               | OFF     | 2006/11/06 13:45 |
| L13   | 1    | 12 and powder                                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/11/06 13:59 |

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|     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                   |    |     |                  |
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| L14 | 0    | 11 and powder                                                                                                                                                                                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 13:45 |
| L15 | 47   | "sparking device".ti.                                                                                                                                                                                                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 13:50 |
| L16 | 0    | 15 and electrostatic\$4                                                                                                                                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 13:53 |
| L17 | 0    | 15 and "118"/\$.cds.                                                                                                                                                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 13:49 |
| L18 | 1648 | "sparking ".ti.                                                                                                                                                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 13:50 |
| L19 | 2    | descal\$3 and 18                                                                                                                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 13:51 |
| L20 | 2    | ("3712833").PN.                                                                                                                                                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/11/06 13:52 |
| L21 | 3    | ("3712833").URPN.                                                                                                                                                                                                                                                                                                                                                                                                                          | USPAT                                                             | OR | OFF | 2006/11/06 13:52 |
| L22 | 56   | ("1810612"   "1859698"   "1901039"   "1931134"   "2249556"  <br>"2264859"   "2303343"   "2340461"   "2389838"   "2474674"  <br>"2666003"   "2710271"   "2750301"   "2752274"   "2987429"  <br>"3117897"   "3260619"   "3536601"   "3563074"   "3615909"  <br>"3712833"   "4160677"   "4286986"   "4415415"   "4450058"  <br>"4545826"   "4620884"   "4648914"   "4713154"   "4851092"  <br>"5344509"   "5505786").PN. OR ("5830291").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/11/06 13:53 |
| L23 | 0    | 22 and electrostatic\$4                                                                                                                                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 13:53 |
| L24 | 0    | 21 and electrostatic\$4                                                                                                                                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 13:53 |

## EAST Search History

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| L25 | 6    | descal\$3 near3 operation\$1 and electrostatic\$4                                                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 13:54 |
| L26 | 17   | (US-20050064168-\$ or US-20030054090-\$).did. or<br>(US-5518546-\$ or US-6743463-\$ or US-6040996-\$ or<br>US-5190588-\$ or US-2658472-\$ or US-2658009-\$ or<br>US-6096391-\$ or US-3918401-\$).did. or (US-2658472-\$ or<br>US-3712833-\$ or US-3279937-\$ or US-3403042-\$ or<br>US-3442688-\$ or US-2759763-\$).did. or (JP-58193761-\$).did. | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO                              | OR | OFF | 2006/11/06 13:59 |
| L27 | 5    | 26 and powder                                                                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 14:03 |
| L28 | 13   | ("2658009"   "2966310"   "3111266"   "3296015"   "3545208").<br>PN. OR ("3672569").URPN.                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/11/06 14:03 |
| L29 | 0    | 28 and powder                                                                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 14:06 |
| L30 | 1    | "58193761"                                                                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 14:08 |
| L31 | 2215 | (remov\$3 near5 oxide near5 layer\$1) and electrostatic\$4                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 14:08 |
| L32 | 139  | (remov\$3 near5 oxide near5 layer\$1) same electrostatic\$4                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 14:09 |
| L33 | 1077 | roughen\$3 same electrostatic\$4                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 15:02 |
| L34 | 2    | roughen\$3 near5 before near5 electrostatic\$4                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 14:19 |
| L35 | 120  | roughen\$3 near5 electrostatic\$4                                                                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 14:20 |

## EAST Search History

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| L36 | 0    | descal\$3 same (electroplat\$3 same electrostatic\$4)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 14:28 |
| L37 | 0    | descal\$3 and (electroplat\$3 same electrostatic\$4)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 14:29 |
| L38 | 1047 | (pretreat\$3 or pretreatment\$1) same electrostatic\$4               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 15:03 |
| L39 | 6    | (pretreat\$3 or pretreatment\$1) near5 before near5 electrostatic\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 15:04 |
| L40 | 374  | (pretreat\$3 or pretreatment\$1) near10 electrostatic\$4             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 15:11 |
| L41 | 69   | 40 and "427"/\$.ccls.                                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 15:05 |
| L42 | 55   | (pretreat\$3 or pretreatment\$1) near5 metal same electrostatic\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/06 15:11 |